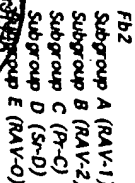


FIG. 1

BEST AVAILABLE COPY

[illegible]

Fb2
Subgroup A (RAV-1,
Subgroup B (RAV-2,
Subgroup C (P-C),
Subgroup D (S-D),
Subgroup E (RAV-O),

[illegible]

Fb2
Subgroup A (RAV-1),
Subgroup B (RAV-2),
Subgroup C (P-C),
Subgroup D (S-D),
Subgroup E (RAV-O),

[illegible]

Fb2
Subgroup A (RAV-1),
Subgroup B (RAV-2),
Subgroup C (P-C),
Subgroup D (S-D),
Subgroup E (RAV-O),

[illegible]

Senior Printer (PA1)

Hyperventilable Region 1



Sense Primer (PA1)

subgroup A (RAV-1) 1 C T A C A G C T G T T A G G T T C C A G T C T C T C C T A A C A T T A C T A 40
2F 1 A C A G C T G T T A G G T T C C A G T T T T T C C C T A A C A T T A C T A 37
65 1 T A C A G C T G T T A G G T T C C A G T C T C T C C T A A C A T T A C T A 39
subgroup E (RAV-0) 1 C T A C A G C T G C T A G G T T C C A G T C T C T C C T A A C A T T A C T A 40
7Q 1 C A G C T G T T A G G T T C C A G T T T C T C C C T A A C A T T A C T A 37
10Q 1 C T A C A G C T G T T A G G T T C C A G T C T C T C C C T A A C A T T A C T A 40
6F 1 C A G C T G T T A G G T T C C A G T C T C T C C C T A A C A T T A C T A 37
207 1 G C T G T T A G G T T C C A G T C T C T C C C T A A C A T T A C T A 35

Hypervariable Region 1

subgroup A (RAV-1) 41 A T A T T A C T C A G A T C T C C G G T G T A A C C G G G G G A T G C G T A G G 80
2F 38 A T A T T A C T C A A A T T T C T G G T G T A A C C G G A G G A G C G T A G G 77
65 40 A C A T A C T C A A A T T T C T G G T G T A A C C G G A G G A T G C G T A G G 78
subgroup E (RAV-0) 41 A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G 80
7Q 38 A T A T T A C T C A G A T T T C T G G T G T A A C T G G G G G A T G C G T A G G 77
10Q 41 A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G 80
6F 38 A T A T T A C T C A G A T T T C T G G T G T A A C T G G G G G A T G C G T A G G 80
207 36 A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G 75

subgroup A (RAV-1) 81 C T T C A G G C C A A A A G G G G T T C C T T G . . . G T A T C T G G G T T G 116
2F 78 C T T T A G A C C A G G A G G G A T C C C C T G . . . G T A T A T A G G A T G 113
65 79 C T T T A G A C C A G G A G G G A T C C C C T G . . . G T A T A T G G G A T G 114
subgroup E (RAV-0) 81 C T T C G C C C C A C A C T C C A A T C C A A G T G G T G T C T A C G G G T G G 120
7Q 78 C T T C A C C C C A C A C T C C A A T C C A A G T G G T G T T T A C G G G T G G 117
10Q 81 C T T C G C C C C A C A C T C C A A T C C A A G T G G T G T C T A C G G G T G G 120
6F 78 C T T C A C C C C A C A C T C C A A T C C A A G T G G T G T T T A C G G G T G G 117
207 76 C T T C A C C C C A C A C T C C A A T C C A A G T G G T G T C T A C G G G T G G 115

subgroup A (RAV-1) 117 G T C T - - A G A C A G G A - - - - - A G C C A C C G C G G T T T C T C C T T 147
2F 114 G A C T - - A G A C A G G A - - - - - A G C C A C C A C G G T T T C C T C C T T 144
65 115 G A C T - - A G A C A G G A - - - - - A G C C A C C A C G G T T T C C T C C T T 145
subgroup E (RAV-0) 121 G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 160
7Q 118 G A C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 157
10Q 121 G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 160
6F 118 G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 157
207 116 G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 155

subgroup A (RAV-1) 148 A G A - C G C C C C T C T T T C T T - - - - - C T A A C T C C T C G A A 176
2F 145 A G A - C A A T C C T C C T T T T - - - - - C T A A T T C C A C G G A 173
65 146 A A A - C A A T C C T C C T T T T - - - - - C T A A T T C C A C G G A 174
subgroup E (RAV-0) 161 G G G T C A A T C C T T T C T T T A A C A G C G C T T C T A A C T C C A C G G A 200
7Q 158 G G G T C A A T C C T T T C T T T A A C A G C G C T T C T A A C T C C A C G G A 197
10Q 161 G G G T C A A T C C T T T C T T T A A C A G C G C T T C T A A C T C C A C G G A 200
6F 158 G G G T C A A T C C T T T C T T T A A C A G C G C T T C T A A C T C C A C G G A 197
207 156 G G G T C A A T C C T T T C T T T A A C A G C G C T T C T A A C T C C A C G G A 195

Antisense Primer (PA2)

subgroup A (RAV-1) 177 A C C G T T T A C A G T G G T G A C A G C G G A T A G G C 205
2F 174 A C C A T T T A C G G T G G T G A C A G C G G A T A G G C 202
65 175 A C C A T T T A C G G T G G T G A C A G C G G A T A G G C 203
subgroup E (RAV-0) 201 A C C G T T T A C G G T G G T G A C A G C G G A T A G G C 228
7Q 198 A C C G T T T A C G G T G G T G A C A G C G G A T A G G C 225
10Q 201 A C C G T T T A C G G T G G T G A C A G C G G A T A G G C 229
6F 198 A C C G T T T A C G G T G G T G A C A G C G G A T A G G C 226
207 196 A C C G T T T A C G G T G G T G A C A G C G G A T A G G C 224

FIG. 3